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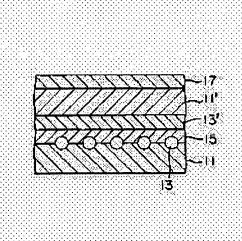
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(54) THERMAL WRITING TYPE LIQUID CRYSTAL DISPLAY DEVICE

(57)Abstract:

PURPOSE: To obtain distinct picture image display of a thermal writing liquid crystal device by arranging substrates comprising plastic film provided with embedded metal wiring which protrudes partly from the substrates to face each other, interposing an anisotropic electroconductive film between the substrates and providing a liquid crystal layer to the outside of one of the substrates.

CONSTITUTION: An electrode 13 comprising a metallic wire is embedded in a substrate 11 comprising plastic film in such a manner that a part of the electrode protrudes from the substrate 11. The substrates 11, 11' are arranged to face in such a manner that electrodes 13. 13' of the metallic wire of the substrates cross



orthogonally to each other to have matrix arrangement, and an electroconductive film 15 is interposed between the substrates. Further, a liquid crystal layer 17 is provided on the front surface of the substrate 11'. Thus, when electric voltage is impressed across the electrode 13, 13' electrode current is generated in the anisotropic electroconductive film 15 to generate heat, and the liquid crystal layer 17 develops color by the heat transmitted to the liquid crystal

layer 17 through the substrate 11'. Since the substrate is made of a plastic material, the heat generating effect is improved and picture image is made distinct.

LEGAL STATUS

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